

豆科黄华属模式及其相关种名的考证

萨 仁, 陈家瑞

(中国科学院植物研究所标本馆, 北京 100093)

摘要: 长期以来, *Thermopsis lanceolata* R. Br. 被误认为是黄华属的模式。根据有关文献考证和国际植物命名法规, 作者认为 *T. lanceolata* 是一个不合法名, 黄华属的合法模式应为 *Thermopsis lupinoides* (L.) Link。分布于东北亚, 花序具互生花的黄华长期被误定为 *T. lupinoides* (L.) Link, 应更正为 *Thermopsis fabacea* (Pall.) DC.。

关键词: 黄华属; 模式考证

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Examination of the Type and Related Species in *Thermopsis* R. Br. Aiton et W. T. Aiton (Leguminosae)

SA Ren, CHEN Chia - Rui

(Herbarium, Institute of Botany, Chinese Academy of Sciences, Beijing 100093, China)

Abstract: *Thermopsis lanceolata* R. Br. has been taken as the type of *Thermopsis* for a long time. According to the International Code of Botanical Nomenclature, *T. lanceolata* is an illegitimate name, and the type of the genus should be *T. lupinoides* (L.) Link. The species with alternate flowered inflorescence distributed in northeastern Asia which has incorrectly been identified as *T. lupinoides* (L.) Link before, should be determined as *T. fabacea* (Pall.) DC. .

Key words: *Thermopsis*; Examination

To make sure that the legal name of the taxon being utilized is based on taxonomy and related sciences. In the course of studying the systematics of *Thermopsis*, the authors found the typification and some nomenclature problems existed in the genus.

Thermopsis was established by Robert Brown in 1811, and the type being designed as *T. lanceolata*. However, before the publication of *Thermopsis*, the species of the genus had already been described in *Sophora* firstly. In 1751, Linneaus firstly described the species of *Thermopsis* as *S. lupinoides* in " *Amoenitates Academicae* ", and divided it into two varieties. The species with verticillate flowered inflorescences was var. β , and with alternate flowered inflorescences was var. α . Later, in his " *Species Plantarum* " (1753), Linneaus treated the var. β as *Sophora lupinoides*. According to the International Code of Botanical Nomenclature, the *lupinoides* should be the legal basionym of the

species with verticillate flowered inflorescences in *Thermopsis*. So, the type of *Thermopsis* should be *T. lupinoides*, and *T. lanceolata* is an illegitimate name. But *T. lanceolata* has still been utilized (Steinberg, 1945; Wei, 1998), and even being taken as the type of *Thermopsis* (Index Kewensis, Czebranova, 1958, Hutchinson, 1964, Peng *et al.*, 1992).

The result of examination indicates that the legal name of the species with alternate flowered inflorescences and distributed in Northeast Asia should be *T. fabacea* (Pall.) DC., but not *T. lupinoides* (L.) Link, which was incorrectly identified by Czebranova (1958), Zoku (1965), Wei (1998).

Thermopsis R. Br. ex Aiton et W. T. Aiton in Aiton & W. T. Aiton, Hortus Kewensis, ed. 2, 3; 3. 1811. TYPE: *T. lanceolata* R. Br. ex Aiton et W. T. Aiton, nom. illeg. = *Sophora lupinoides* L. = *Thermopsis lupinoides* (L.) Link

— *Thermia* Nutt. Gen. N. Amer. Pl. 1: 282. 1818. — TYPE: *Thermia rhombifolia* (Pursh) Nutt.

— *Scolobus* Raf., Amer. Monthly Mag. Crit. Rev. 4: 193. 1819. — TYPE: *Scolobus rhombifolia* (Nutt. ex Pursh) Raf.

— *Drepilia* Raf., N. Fl. 2: 52. 1836 [1837]. — TYPE: *Drepilia rhombifolia* (Nutt. ex Pursh) Raf.

Thermopsis lupinoides (L.) Link in Enum. Spec. Berol. 1: 401, 1821.

— *Sophora lupinoides* var. β L. Amon. Acad. 2: 350. 1751.

— *Sophora lupinoides* L. Sp. Pl. 374. 1753.

— *Podalyria lupinoides* Willd. Sp. Pl. 2: 504. 1799.

— *T. lanceolata* R. Br. ex Aiton et W. T. Aiton in Aiton & W. T. Aiton, Hort. Kew. ed. 2, 3; 3. 1811; DC. Prodr. 2: 99. 1825; Ldb., in Fl. Alt. 2: 112. 1830; Ldb., in Fl. Ross. 1: 510. 1842; Steinb. in Kom., Fl. URSS 11: 39. 1945; Czebr. in Act. Inst. Bot. Acad. Sci. URSS Ser. I, 12: 43. 1958; Inst. Bot. Acad. Sin., Icon. Corm. Sin. 2: 365. f. 2459. 1955; X. Q. Fu in Y. C. Ma, Fl. Intramong. 3: 143. 1977; et Fl. Intramong. ed. 2, 3: 190. 1989; P. C. Li in C. Y. Wu., Fl. Xizang. 2: 722. 1985; S. Q. Wei in H. B., Fl. Reipubl. Popul. Sin. 42 (2): 402. 1999.

T. fabacea (Pall.) DC. Prodr. 2: 99. 1825; Ldb., Fl. Ross. 1: 511. 1842; Steinb. in Kom., Fl. URSS 11: 43. 1945.

— *Sophora fabacea* Pall. Sp. Astr. Descr. 122. tab. 90. 1800.

— *T. lupinoides* (L.) Link Czebr. in Act. Inst. Bot. Acad. Sci. URSS I, 12: 28. 1958; Zoku, in Frederick & Egbert, Fl. Japan 556. 1965; S. Q. Wei in H. B Cui, Fl. Reipubl. Popul. Sin. 42 (2): 399. 1998.

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